

Safety Data Sheet

1 – PRODUCT IDENTIFICATION

PRODUCT NAME: BioCleanse HSD
PRODUCT TYPE: Neutral Liquid Cleaning Compound
PRODUCT NUMBER: 6043XX (last 2 characters vary with the packaging)
CONTROL NUMBER: 6043

COMPANY: **Harvard Chemical Research, Inc.**
3595 Zip Industrial Blvd.
Atlanta, GA 30354
1-404-761-0657

EMERGENCY PHONE: 1-800-255-3924 (CHEM-TEL)

2 – HAZARDS IDENTIFICATION

CLASSIFICATION OF SUBSTANCE/MIXTURE: Serious Eye Irritation (2) Skin Irritation (3)
SYMBOLS:



SIGNAL WORD:..... WARNING!

HAZARD STATEMENT: Causes serious eye irritation. Causes mild skin irritation.

PRECAUTIONARY STATEMENTS:

PREVENTION: Wash hands thoroughly after handling. Do not touch eyes. Wear eye protection / face protection.

RESPONSE: If skin irritation occurs: Get medical help. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if, present and easy to do. Continue rinsing. If eye irritation persists: Get medical help.

STORAGE:..... N/A

DISPOSAL: N/A

3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	C.A.S. NUMBER
Water	7732-18-5
Alcohols, C ₁₂₋₁₅ , ethoxylated	68131-39-5
Laboratory Controlled Bacterial Culture	Not Required
Alcohols, C ₁₀₋₁₆ , ethoxylated	68002-97-1

(Continued on next page)

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INGREDIENT	C.A.S. NUMBER
Tripropylene glycol monomethyl ether	25498-49-1

If percentages, chemical names or C.A.S. numbers of ingredients are not listed/shown, they are being withheld as trade secret information, or are not required per OSHA Hazard Communication Standard 29CFR 1910.1200. This information will be disclosed as necessary to authorized individuals.

4 – FIRST-AID MEASURES

BREATHING (INHALATION): .. If signs of discomfort or irritation occur, remove to fresh air. If symptoms persist, seek medical attention.

SWALLOWING (INGESTION):.. DO NOT INDUCE VOMITING! Drink a large quantity of water or milk. Do not attempt to give liquids to an unconscious person. Seek medical attention.

EYES: Flush eyes with a large quantity of fresh water for at least 15 minutes. If irritation persists, seek medical attention.

SKIN (DERMAL): Flush from skin and clothing with large amounts of fresh water. If irritation occurs, seek medical attention. Discontinue use if irritation persists. Wash contaminated clothing before reuse.

5 – FIRE-FIGHTING MEASURES

FLASHPOINT:..... This product is non-flammable.

EXTINGUISHING MEDIA: Use extinguishing media suitable for materials already burning.

SPECIAL FIRE FIGHTING PROCEDURES:..... Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

6 – ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:..... Dike to prevent spillage into streams or sewer systems. Consult local, state and federal authorities.

WASTE DISPOSAL: As recommended by local, state and federal authorities.

7 – HANDLING and STORAGE

STORAGE:..... Store in a cool, well-ventilated area. Avoid overheating or freezing. Do NOT store this product in an unmarked container.

HANDLING:..... Wear eye protection if product is likely to splash. Do NOT transfer this product to an unmarked container. Spilled material is slippery. Keep away from children!

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: Not usually needed. Vapors not normally harmful.

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PROTECTIVE CLOTHING:..... Nitrile or PVC gloves, and chemical splash goggles.

ADDITIONAL MEASURES:..... Under normal use according to label instructions, special protection should not be necessary. Wear eye protection if product is likely to splash. Keep away from children!

INGREDIENT	C.A.S. NUMBER	OSHA PEL*
Water	7732-18-5	No limits established
Alcohols, C ₁₂₋₁₅ , ethoxylated	68131-39-5	No limits established
Laboratory Controlled Bacterial Culture	Not Required	No limits established
Alcohols, C ₁₀₋₁₆ , ethoxylated	68002-97-1	No limits established
Tripropylene glycol monomethyl ether	25498-49-1	No limits established

**When OSHA 8-hour TWA; STEL (ST); and Ceiling (C) PEL values are not established, NIOSH REL; ACGIH TLV; and AIHA WEEL values will be shown in that order, and indicated as such.*

9 – PHYSICAL / CHEMICAL PROPERTIES

APPEARANCE & ODOR:..... Colorless, transparent liquid, with no significant odor.

ODOR THRESHOLD: N/A

pH:..... 7.0 – 8.5

MELTING POINT: N/A

FREEZING POINT: N/A

BOILING POINT:..... 210 degrees F.

BOILING POINT RANGE: N/A

FLASHPOINT:..... This product is non-flammable.

EVAPORATION RATE: N/A

FLAMMABILITY (solid/gas): ... N/A

EXPLOSION LIMITS:..... N/A

VAPOR PRESSURE: N/A

VAPOR DENSITY (AIR=1): Greater than 1.

SPECIFIC GRAVITY:..... 1.00

SOLUBILITY IN WATER: Completely soluble.

PARTITION COEFFICIENT: N/A

AUTO-IGNITION TEMPERATURE:.....N/A

DECOMPOSITION TEMPERATURE:N/A

VISCOSITY: Water thin.

10 – STABILITY and REACTIVITY

STABILITY: Stable under normal conditions.

INCOMPATIBILITY:..... Do not mix with strong oxidizing/reducing agents, acids, alkalis or other detergents. These chemicals may inactivate bacterial culture.

HAZARDOUS DECOMPOSITION:..... Carbon oxides, sodium oxides, nitrogen oxides, sulfur oxides.

HAZARDOUS POLYMERIZATION:This product not known to polymerize.

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11 – TOXICOLOGICAL INFORMATION

ROUTE(S) OF ENTRY:..... Absorption through skin and eyes. Ingestion. Not likely to be inhaled in hazardous amounts.

LISTED CARCINOGEN: There are no chemicals that comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

MEDICAL CONDITION AGGRAVATED: May aggravate pre-existing dermatitis in people with sensitive skin.

INHALATION: Inhaling significant amounts of undiluted product may eventually cause irritation and discomfort to the mouth, nose and respiratory tract.

INGESTION: Undiluted product may cause irritation and discomfort to the mouth, esophagus and stomach if ingested.

EYES: Undiluted product can cause serious irritation and redness if not immediately flushed from eyes.

SKIN (DERMAL): Undiluted product can cause mild irritation and redness to the exposed area if not flushed from skin.

ACUTE TOXICITY* (ORAL): >5,000 mg/kg

ACUTE TOXICITY* (DERMAL): >5,000 mg/kg

ACUTE TOXICITY* (INHALATION): >20,000 ppm V (Gas), >20 mg/l (Vapor), >5 mg/l (Dust)

**Determined using the additivity formula for mixtures (GHS Purple Book, 3.1.3.6).*

12 – ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND DISTRIBUTION: N/A

13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: As recommended by local, state and federal authorities.

14 – TRANSPORTATION INFORMATION

DOT:

PROPER SHIPPING NAME: Not regulated for domestic shipments acc. DOT HMR.

HAZARD CLASS:

UN/NA NUMBER:

PACKING GROUP:

IMDG:

PROPER SHIPPING NAME: Not regulated for international shipments acc. IMDG CODE.

HAZARD CLASS:

UN NUMBER:


PACKING GROUP:

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IATA:**PROPER SHIPPING NAME:** Not regulated for international shipments acc. IATA DGR.**HAZARD CLASS:****UN NUMBER:**.....**PACKING GROUP:**.....

15 – REGULATIONS

Contents of this SDS comply with OSHA Hazard Communication Standard 29CFR 1910.1200.

CALIFORNIA PROPOSITION 65:  **WARNING:** This product can expose you to chemicals including 1,4-Dioxane, which are known to the State of California to cause cancer, and Ethylene oxide, which is known to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

INGREDIENT	C.A.S. NUMBER	LISTED DATE
1,4-Dioxane	123-91-1	01/01/1988 (Cancer)
Ethylene oxide	75-21-8	07/01/1987 (Cancer) 08/07/2009 (Developmental & Male Reproductive Toxicity) 02/27/1987 (Female Reproductive Toxicity)

16 – OTHER INFORMATION

NFPA:**HEALTH:** 2**FLAMMABILITY:** 0**REACTIVITY:** 0**OTHER:** None

ADDITIONAL: The information contained in this SDS is based on the data available to us from sources we believe to be reliable. No warranty or guaranty expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe—read this product safety information and pass it on to all persons who may be exposed to this product. Federal law requires it. This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.

REVISION DATE:..... 02/21/2025